SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. § 1.114(c)

Attorney Docket No.: Q96039

Appln. No.: 10/586,150

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

1. - 21. (canceled).

22. (previously presented): The magnetic disk according to claim 30, installed in a

magnetic disk drive of a load/unload type.

23. (previously presented): The magnetic disk according to claim 22, installed in the

magnetic disk drive which comprises a magnetic head including a negative pressure slider.

24. (canceled).

25. (currently amended): A lubricant for use in manufacturing a magnetic disk,

comprising a compound represented by the following formula:

HO·CH₂·CH·CH₂·O·CH₂·CF₂(-O·C₂F₂)p-(O·CF₂)q-O·\* OH \*-CF₂·CH₂·O·CH₂·CH-CH₂·OH

OF.

wherein the lubricant is prepared by a method comprising the following steps:

preparing a crude lubricant which includes at least the compound;

heating the crude lubricant to a temperature of 160°C to 200°C;

degassing an impurity gas from the crude lubricant in a reduced pressure;

after the degassing, vaporizing a degassed lubricant into a vaporized lubricant; and

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purifying the vaporized lubricant into the lubricant by liquefying the compound

molecules of the vaporized lubricant within a distance less than a mean free path of the

compound molecules.

26. (previously presented): A magnetic disk comprising at least a magnetic layer, a

protective layer, and lubricant layer which are formed on a substrate, wherein the lubricant layer

comprises the lubricant according to claim 25.

27. (previously presented): The lubricant for use in manufacturing a magnetic disk

according to claim 25, wherein the compound comprises at least 85 mole percent of the

lubricant, as measured by nuclear magnetic resonance spectroscopy.

28. (previously presented): The lubricant for use in manufacturing a magnetic disk

according to claim 25, wherein the compound comprises between 90 and 95 mole percent of the

lubricant, as measured by nuclear magnetic resonance spectroscopy.

29. (previously presented): The lubricant according to claim 25, in which the molecular

weight distribution is not smaller than 1.0 and is not greater than 1.3, and in which the weight-

average molecular weight is between 4000 and 8000.

30. (previously presented): The magnetic disk according to claim 26, wherein the

compound comprises at least 85 mole percent of the lubricant, as measured by nuclear magnetic

resonance spectroscopy;

the molecular weight distribution of the lubricant is not smaller than 1.0 and is not greater

than 1.3; and

the weight-average molecular weight of the lubricant is between 4000 and 8000;

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wherein the lubricant layer is formed by dip coating.

31. (previously presented): The magnetic disk according to claim 30, wherein the

compound comprises between 90 and 95 mole percent of the lubricant, as measured by nuclear

magnetic resonance spectroscopy.

32. (previously presented): The magnetic disk according to claim 30, wherein the bonded

ratio is greater than 80%.

33. (previously presented): The magnetic disk according to claim 30, wherein the bonded

ratio is between 82 and 85%.

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